

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Please amend the claims as follows and add the following new claims:

1. (Currently Amended) Process for the preparation of inorganic materials, comprising:

characterized in that initially introducing at least one salt solution containing at least one substance ~~is initially introduced~~ into a vessel and optionally ~~is brought~~ bringing together with therewith at least one solid and ~~these are mixed~~ mixing with one another, adding at least one further salt solution containing at least one substance ~~is added,~~ ~~as a result of which an~~ precipitating out a resulting inorganic substance ~~precipitates out~~ because of its lower solubility product, and at least one further substance remains in the solution, optionally adding at least one further salt solution containing at least one substance, or a further solvent ~~is added to form a suspension, freezing or solidifying~~ the suspension obtained ~~is frozen or solidified~~ by cooling, the a uniform distribution of solid and salt solution being retained in the suspension and ~~[[a]] preventing sedimentation of the solid being prevented,~~ subliming the solvent ~~is sublimed~~ by application of a vacuum, drying the suspension ~~being dried~~, optionally heat treating the solid obtained ~~is heat-treated~~, and identifying the solid obtained or the material obtained ~~is characterized~~ in respect of at least one of its morphology, size, composition, and properties ~~or a combination of these things~~, and optionally repeating these process steps are

repeated in order to prepare and ~~characterize~~ identify a plurality of material samples in the form of a library.

2. (Currently Amended) Process according to claim 1, ~~characterized in that~~ wherein the process steps are carried out at least partly in parallel.

3. (Currently Amended) Process according to ~~claims 1 and 2~~ claim 1, ~~wherein,~~ characterized in that the solids obtained are tested for their catalytic activity.

4. (Currently Amended) Device for carrying out the process according to ~~claims 1 to 2~~ claim 1 in parallel, ~~characterized in that~~ comprising at least two suitable vessels are arranged in parallel such that they are immersed in a cooling medium or a cooling medium flows around them.

5. (New) Process according to claim 2, wherein, solids obtained are tested for their catalytic activity.

6. (New) Device for carrying out the process according to claim 2 in parallel, comprising at least two suitable vessels are arranged in parallel such that they are immersed in a cooling medium or a cooling medium flows around them.